

Region 3 GPRA Baseline RCRA Corrective Action Facility

Fulton Financial Realty Company

**1695 State Street
East Petersburg, PA 17520
Congressional District 16
EPA ID #: PAD082434747
Last Updated: 6/30/2005**

Current Progress at the Site

Historical groundwater sampling data collected from 1988-1995 suggested that natural attenuation is the likely mechanism for the reduction of groundwater plume size and volatile organic compounds (VOCs) concentration levels. To confirm this theory, Fulton conducted a study that involved four consecutive quarterly groundwater sampling to demonstrate natural attenuation, predominantly bioremediation, as an effective measure to groundwater remediation and migration control. The study included measurements of VOCs concentrations, and geochemical and microbiological parameters, which are necessary for bioremediation. Results of the study indicated the presence of groundwater geochemical and microbiological parameters for effectual biodegradation of the VOCs and concluded that natural attenuation is a feasible approach to groundwater remediation and migration control. Since 1997, annual groundwater monitoring has verified the effectiveness of natural attenuation as evident in the reduction of plume size and VOCs concentration levels. Fulton will continue to monitor groundwater until it can be demonstrated by two consecutive sampling events that the entire contaminant plume meets the following clean-up levels: Trichloroethylene (TCE) at 5 ppb (MCL); Vinyl Chloride at 2 ppb (MCL); and 1,2-Dichloroethylene at 55 ppb (10^{-6} Health Based Number).

In addition to natural attenuation as the principal remedy, Fulton installed a sump discharge treatment system to treat TCE-contaminated groundwater collected from the boiler room sump. The system includes two canisters of granulated-activated carbon to treat the contaminated groundwater prior to discharge into the storm drain.

Site Description

The Facility is located at 1695 State Street (400 feet north of Route 722) in East Petersburg, Lancaster County, Pennsylvania, and is approximately 18 acres in size. From the early 1950s to 1977, the Hamilton Watch Company operated a photochemical etching and fuse assembly business at this Facility. From 1977 to 1984, Lancaster Metal Science Corporation (LMS) operated a photochemical etching business. In 1979, Lancaster Industrial Development Authority acquired the property and entered into an Installment Sale Agreement with Fulton Financial Corporation. Fulton Financial Realty Company (Fulton), a wholly owned subsidiary of

Fulton Financial Corporation, is the present owner and the sole operator of the Facility. Fulton Financial Realty presently uses the Facility as administrative offices.

Site Responsibility

RCRA Corrective Action activities at this facility are being conducted under the direction of EPA Region 3. The facility will continue annual groundwater monitoring to ensure that natural attenuation is effectively remediating the groundwater.

Institutional Controls

Institutional controls are not required at this time.

Contaminants

The primary contaminants in groundwater at the facility are low levels of VOCs. The VOCs include TCE, Vinyl Chloride, and 1,2-Dichloroethylene.

Government Contact

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For more information about EPA's corrective action webpage, including Environmental Indicators, please visit our site at: www.epa.gov/reg3wcmd/correctiveaction.htm

Facility Contact

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